



INTERNATIONAL JOINT TRAINING PROGRAM

BACHELOR'S DEGREE IN ELECTRICAL AND ELECTRONICS ENGINEERING TECHNOLOGY

- 2+2 PATHWAY

KETTERING UNIVERSITY

OVERVIEW

- This is to provide the undergraduate joint training programs (2+2 pathway) in partnership with Kettering University (Kettering), United States of America.
- Bachelor's degrees: be awarded by Kettering University (Kettering), USA.
- Duration of the program: 4 years.
- Language instruction: English.
- Number of credits: ~161 credits.

PROGRESSION PATHWAY



- Courses: Political Education, Physical Education, English, and Specialised courses.
- English language requirement to transfer to Phase 2: IELTS 6.5 (with no sub-score below 6.0).

- Students are permitted to work part-time.
- Scholarships: ~35% of tuition fee

** Tuition fees and scholarship schemes are subject to change on an annual basis.*

LIST OF COURSES

PHASE 1 – YEAR 1 (Study in Vietnam)

No.	Course Code	Course Name	Credits
Semester 1			21
1.	MATH132401E	Calculus I	3
2.	LLCT130105E	Philosophy of Marxism and Leninism	3
3.	PHYS130402E	Physics 1	3
4.	GCHE130603E	General Chemistry	3
5.	PHED110613E	Physical Education 1	0(1)
6.	IEET130145E	Introduction to Electrical & Electronics Engineering Technology	3
7.	EHQT130137E	Academic English 1	3
8.	EHQT230237E	Academic English 2	3
Semester 2			22
1.	PHYS110602E	Physics - Laboratory 1	1
2.	MATH132501E	Calculus II	3
3.	LLCT120214E	Political economics of Marxism and Leninism	2
4.	LLCT120405E	Scientific socialism	2
5.	CPRL130064E	C programming language	3
6.	ELCI140144E	Electrical Circuits	4
7.	EHQT330337E	Academic English 3	3
8.	TEEN120146E	Technical English 1	2
9.		Social Science	2

PHASE 1 – YEAR 2 (Study in Vietnam)

No.	Course Code	Course Name	Credits
Semester 1			25
1.	LLCT120314E	Ho Chi Minh's Ideology	2
2.	MATH132601E	Calculus III	3
3.	ELPR210644E	Electricity in Practice	1
4.	MATH132901E	Mathematical Statistics for Engineers	3
5.	BAEL340662E	Basic Electronics	4
6.	ELMA230344E	Electric Machines	3
7.	EHQT430437E	Academic English 4	3
8.	TEEN230246E	Technical English 2	3
9.		Elective Fundamental course	3

Semester 2			20
1.	DIGI330163E	Digital System	3
2.	AMEE142044E	Applied Mathematics for Electrical and Electronics Engineering	4
3.	POEL330262E	Power Electronics	3
4.	ELPS246545E	Power Supply System	4
5.	PREM310744E	Electric Machine in Practice	1
6.	ELPR320762E	Electronics in Practice	2
7.		Elective Fundamental course	3